JEYALAKSHMI RAMAMOORTHY
SENIOR FULL STACK ENGINEER | REACT | NODE

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SUMMARY

To secure a challenging position in a reputable organization to expand my learnings, knowledge, and skills. Secure a responsible career opportunity to fully utilize my training and skills, while contributing significantly to the company's success. To make use of my interpersonal skills to achieve the goals of a company that focuses on customer satisfaction and customer experience.

WORK EXPERIENCE

Senior Full Stack Engineer, Maybank, Malaysia   **Sep 2023 - Present**

- Leading MPOP project for front end web page and server
- Implementing the two modules (RTS, ISO) as single project
- **RTS**
  - Maintain and monitoring the bank list information which ever banks connected with Maybank.
  - Monitoring the debit and credit transactions as summary information.
  - Managing the charging fees such as service tax, processing tax based on country selection.
- **ISO**
  - Handling the payment portal incoming/outgoing transactions from bank to bank and bank to customer.
  - Convert the Swift standard transaction message(MT) into XML message(MX) and vice versa using backend tool.
  - Monitoring each payment transaction's status like host submission, intermediary, error and NSTP/STP.
  - Convert the iso standard XSD schema definition into appropriate hierarchy level and displayed the level into treeview structure.
  - Maintaining Role structure like super admin, user admin, maker and checker. Maker can able to edit the transaction message and checker can verify the maker's changes then provided the privilege for either approve or reject.
  - Balancing the role hierarchy like which roles able to monitor other role's daily activities.
  - Handling the Deployment Setup based on the environment.
  - Managing the Scrum master role.
  - Handling Junior Employess. Team Size - 2.
- Role - **Planning, Designing, Development, Testing, Task Creation, Deployment, Setup new user activities and sprint closure.**
- Skills - **React.js(Redux), Node.js(Express), PostgreSQL and MongoDB**
- Architecture - **Redux Toolkit.**
- Contract - yes
- Payroll & Visa process Company - Tech Matrix pvt ltd
- End user - **London, Singapore**.
- Company Location - **Kuala Lumpur, Malaysia.**

Senior Full Stack Engineer, Kimball Electronics Pvt Ltd   **Feb 2020 - Sep 2023**

- 1. Leading IIOT4.0 projectfor Server and Web Page
    - DRI for Factory digitalization project in Japan and successfully completed in April 2021 and currently working on international projects.
    - Managing upcoming IIOT 4.0 projects
    - Responsible for customer demos and Proof of concepts
    - In-charge of Floor Map Designer Feature
    - Server-related Task estimation and delivery
    - Project Architect for Server and IIOT data flow under ISA88 standard
    - Working closely with the SoftwareTesting team on both White box and Black box testing
- Lead team in the development of industrial 4.0 software
- Coordinate with the Global Factories Team related to DFM discussion, and IIOT-related requirements.
- Coordinate with customerbusiness analysts or Product ownersto clarify the concept, design, and release packages.
- Responsible for ServerSAT, Server DesignDocumentation, and Server ProgramSpecification Documents underCSV and GAMP standard
- Collaboratingclosely with team members, Customers, and Management to address the project status
- Configured new VM setup in local testingserver same as production without external support.
- Projects handled:
    - Factory Digitalization for Pharma IndustryIIOT 4.0
    - Domain – Medical and controlled by the government.
    - Regenerative medicineswith stem cells
    - Monitoring 120+ machines & 5 parameters with each machine in one-minute interval
    - 24/7 monitoring data using MQTT.
    - Focusing the Data Security,avoiding Network trafficand balancing a heavy load of data
    - Project consistsof MQTT VerneMQ, NGINX server,Redis Server, Protocol converters, C#, API server, PLC, IPC, InfluxDB, and Telegraf
    - Digitalizing the entire pharma factory in Japan. Collecting data from field devices using PLC/via FL-Net module. Sending the collected data to C#, From C# to telegraf, and VerneMQ. Telegram sends data to the historian server and verneMQ sends data to the API server.
- Implemented Floor Map Designer feature.
- Roles - **Sizing,Planning, Implementation, Dev Testing, and Deployment**
- Technologies - **React.js (Redux), Node.js, MySQL, Influx DB, VerneMQ and Telegraf**
- Protocols - **MQTT, Socket Communication**
- Architecture – **Redux, Monolithic**
- End User – **Japan**.
- 2. IIOT 4.0 for EMS Automobile Industry
    - Project consistsof multiple machinesand PLCs with different protocols.
    - Collection of Bulk data from machines and represent it in Customized Web UI with the feature of historian storage for 6 years.All Data collection will be storedseparately in a format to use for MLDL for AI Prediction.
- Roles - **Sizing,Planning, Implementation, Dev Testing, and Deployment**
- Technologies- **React.js (Redux),Node.js, MySQL, Influx DB, MongoDB, and Telegraf**
- Architecture – **Redux, Microservice**
- Protocols – **MQTT, Socket Communication**
- End User –**Thailand, China, and Mexico**
- Company Location - **Thiruvananthapuram, INDIA**

Senior Software Engineer, RM Education Pvt Ltd.,   **July 2015 - July 2019**

- Installation and commissioning at the customerSite
- Handling proper agile methodology.
- Leading junior employeesfor development.
- Working as an active scrum master basedon the lead's availability.
- Presenting Demo to customers
- Visiting London for onsite supporttwo times.
- Working as a code reviewer.
- Supporting build deployment
- Leading New Productlaunches.
- Projects handled:
    - Mark and validate the exam papers in online.
    - Project consistsof Practice and Live marking,Team management, and Admin handling.
    - Marking and validating the student's paper online. Here the scripts, which are written by students, are scanned, and uploaded into databases and shared folders on our server. Those scripts, which are uploaded to the server, are accessed by our application, and start marking using our application by placing annotations and adding marks. After validation, marks are published.
    - Sub Tools are
        - SAAD
        - Image Processing (Auto zoning and Auto Marking)
- Roles - **Sizing, Planning, Implementation, Dev Testing**
- Technologies - **React.js with Typescript, Dot Net (Web API)**
- End User - **UK**
- Company Location - **Thiruvananthapuram, INDIA**

Software Developer, UFours IT Solutions   **Sep 2013 - July 2015**

- Developing windows applications
- Communicating with direct clientsand discussing project requirements.
- Managing the projectas a person.
- Dev Testing and deployment to the production site.
- Working on multipleprojects simultaneously
- Projects handled:
    - Job assigningand Employee worktimetracking tool.
    - Project consistsof Job, Job assigning, Idle time, Working time, and screenshots.
    - It is for working employees. Assign the recursiveand non- recursive jobs to multiple employees at a time. Tracking the employee's working hours, and idle hours and taking screenshots of the systems at the config time.
- Technologies - **.Net (Windows), MS SQL.**
- End User - **Pakistan, US**
- Company Location: **Madurai,INDIA**

SKILLS

- **Databases -** MS SQL Server, PostgreSQL, InfluxDB, and MongoDB
- **Cloud DB –** Firebase, AWS
- **Languages –** C# (Oops),ASP.Net, JavaScript, jQuery
- **JavaScript Libraries –** React.js,Node.js
- **Architecture –** Redux, Monolithic.
- **Communication Protocols –** MQTT, WebSocket, and Telegraf
- **Mobile Applications –** React Native (Basics)

EDUCATION

Bachelor of Engineering (Computer Science)   **2010 - 2013**
Sethu Institure of Technology, Virudhunagar, Tamilnadu, India

Diploma of Computer Engineering   **2007 - 2010**
Government Polytechnic, Madurai, TamilNadu, India

AWARDS & RECOGNITIONS

- "Star of the month" award from Kimball Electronics in Mar 2020.
- "Consider it Done" award from Kimball Electronics in August 2022.

CERTIFICATES

- "First class with distinction" in Junior Type Writing English.

LANGUAGES

- **English, Tamil -** Fluent
- **Malayalam, Kannada -** Speak

PERSONAL DETAILS

- **Father Name -** Ramamoorthy
- **Husband Name -** Sathishkumar
- **DOB -** 25/04/1992
- **Marital Status -** Married
- **Nationality -** Indian
- **Gender -** Female